



COMMUNITY DEVELOPMENT DEPARTMENT
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CITY OF MARYSVILLE WETLAND DELINEATION STANDARDS

The City of Marysville requires field visits for all wetland delineations; office delineations using only GIS and NWI maps are not acceptable. At MINIMUM, a delineation report should include the following:

- ☐ Field data sheets (complete set that were filled out during the wetland determination and delineation). These may be added as an Appendix to the report.
- ☐ The written report must include the following information:
 - Date, weather conditions, location of the wetland (GPS point, or marked on aerial photos/hand drawn on map), etc.
 - Field observations of the hydrology (sources, depth to saturation and or standing water in soil pit, areas of inundation, hydrologic connection(s) to other wetlands or downstream aquatic resources, etc.)
 - Approximate total size of the wetland
 - Justification used to determine whether a given wetland is an isolated wetland or hydrologically connected to a larger system. When determining whether to group or split wetland areas, use the criteria in the DOE's *Washington State Wetland Rating System of Western Washington*. Description of vegetation, soils, and hydrology indicators
 - Approximate percentage of area covered by each wetland community typed (forested, scrub-shrub, emergent, etc.) as described in *Washington State Wetland Rating System of Western Washington*.
 - Characteristics of the uplands surrounding the wetland (land use, vegetated or not, etc)
 - Wildlife usage observations

- Any fill or human disturbance
 - Photo documentation – Take at least one picture for each delineated wetland and each data plot for documentation.
 - Wetland Rating and Functions Assessment - Perform wetland rating(s) and functions assessments for each wetland. Rate wetlands using the DOE's *Washington State Wetland Rating System of Western Washington*. Include the wetland rating forms as an Appendix.
- ☐ A scaled map (e.g., 1"=20', 1"=30', 1"=40', 1"=50' or 1"=60') identifying wetland boundaries, any other critical areas, and the locations of all data collection points (for large and/or complex projects, a large scale [1":400' to 1":100'] aerial photo with overlays displaying site property and wetland boundaries). This map must also clearly delineate the boundaries of the area evaluated.
- ☐ Best judgment evaluation of off-site wetlands within 150' of the project boundaries.
- ☐ A summary of the available information used in making the wetland determination.

NOTE: Flagging – Clearly identify all documented data points and wetland boundary with marked flagging. Attach flagging to fixed objects such as survey stakes, woody vegetation, or pin flags that are within easy sight distance of each other. Indicate the numbering of each flag and their letters/numbers on the site plan/aerial photos.